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Clmpto 12132005 PY

> (Corrently Amended) A method of forming two level structures in a semiconductor substrate, the method comprising:

forming lines of different widths having a first floor;

oxidizing the <u>lineswafer</u> until lines of thinner width are substantially fully oxidized and wider lines are not fully oxidized;

etching the oxide to expose the first floor; and etching the exposed first floor deeper into the substrate to form a second floor.

- (Original) The method of claim 1 and further comprising removing the oxide from the lines.
- (Previously Presented) The method of claim 1 wherein the oxide is etched using anisotropic etching.
- (Original) The method of claim 1 wherein etching the oxide comprises using a CHF₃
 snisotropic reactive ion etch.
- 5. (Original) The method of claim 1 wherein the semiconductor substrate is single crystal silicon.
- 6. (Original) The method of claim 1 wherein the first floor is etched deeper using deep reactive ion etching.
- 9. (Currently Amended) The method of claim 1 wherein the lines are wafer is oxidized

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using thermal oxidation.

10. (Currently Amended) A method of forming multiple level structures in a semiconductor substrate, the method comprising:

forming structures in the substrate having different widths;

oxidizing the structures wafer until structures of a desired width are substantially fully oxidized and widter structures are not fully oxidized;

etching the exide to expose a floor of the substrate; and etching the floor deeper into the substrate to form a next floor.

- 11. (Original) The method of claim 10 and further comprising removing the oxide and repeating oxidizing, etching and etching to form a further level of the multiple level structure, wherein successively wider line widths are oxidized.
- 12. (Previously Presented) The method of claim 10 wherein the oxide is etched using anisotropic reactive ion etching.
- 13. (Original) The method of claim 10 wherein etching the floor of the substrate comprises using a reactive ion etch.
- 14. (Original) The method of claim 13 wherein the reactive ion each comprises a CHF₃ reactive ion etch.
- 15. (Original) The method of claim 10 wherein the semiconductor substrate is single crystal silicon.
- 16. (Currently Amended) A method of forming multiple two level structures in a semiconductor substrate, the method comprising:

lithographically forming a pattern having structures of different widths, the structures extending up from a first floor of the substrate;

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oxidizing the structures on the substrate until lines of structures of a selected width are substantially fully oxidized and wider structure are not fully oxidized;

CHF; reactive ion etching the oxide to expose the first floor; and selectively etching the first floor deeper into the substrate to form a second floor.

17. (Currently Amended) A method of forming a comb actuator in a semiconductor substrate, the method comprising:

forming pillars of alternating thick and thin widths extending from a first floor of the substrate;

oxidizing the pillarswafer until pillars of thin width are substantially fully oxidized and thicker lines are not fully oxidized;

ctching the oxide to expose the first floor;

etching the first floor deeper into the substrate to form a second floor; and releasing the comb actuator.

- 18. (Original) The method of claim 17 and further comprising removing the oxide and repeating oxidizing, etching and etching to form a further level of the multiple level structure.
- 19. (Original) The method of claim 17 and further comprising forming contacts to independently couple sources to the respective thin and thick lines.
- 20. (Original) The method of claim 17 wherein the thin and thick lines comprise comb fingers with a gap of between approximately 0.3 and 10 microns.
- 21. (Currently Amended) A method of forming two level structures in a semiconductor substrate, the method comprising:

forming lines of different widths having a first floor;

oxidizing the lineswafer until lines of thinner width are substantially fully oxidized and lines of thicker width are not fully oxidized;

etching the oxide to expose the first floor;

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etching the exposed first floor deeper into the substrate to form a second floor; and releasing the lines to form suspended structures.

- 22. (Original) The method of claim 21 wherein releasing the lines comprises: oxidizing the lines; and etching the substrate in all directions.
- 23. (Original) The method of claim 22 wherein eaching the substrate in all directions comprises a SF₆ reactive ion each.
 - 45. (New) A method of forming multiple two level structures in a semiconductor substrate, the method comprising:

lithographically forming a pattern having structures of different widths, the structures extending up from a first floor of the substrate;

oxidizing the structures on the substrate until structures of a selected width are substantially fully oxidized; anisotropically etching the oxide to expose the first floor; and selectively etching the first floor deeper into the substrate to form a second floor.

- 46. (New) The method of claim 45 and further comprising removing the oxide from the lines to form a two level structure.
- 47. (New) The method of claim 46 and further comprising releasing the two level structure.
- 48. (New) The method of claim 2 and further comprising releasing the lines to form a released two level structure.
- 49. (New) The method of claim 11 wherein with each successive oxidation, mechanical structures are formed on a new level.
- .50. (New) The method of claim 49 wherein the successive oxidations are performed to consume lower levels previous formed and create one new level.